H5873

9
Hydrog No. 5873 Date, July 22 , 1915
Sag. Mch. Electric Red El Shot 30 Us.
Turns Cor'n Depth 103 fms.
Sag. Cup amin (Sft Soup) Sample
Character of gn Jf
Thermon. (Make Cor'n)
Thermom. Make Cor'n Instr. Yo, Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Time 5:20 2 Air 4 Time
Time
Density: Surf. fms. fms.
Wind: Direction West Porce S Baromet, 30. 35 Amt. of 9 State of JT Clouds 9 Sea JT
7
Weather
Direction and Force Surface Rottom
ADDUCTIVE
Tide
General Locality Off Washington coash
27/0
Position Destruction to Light he ars N 7742° E (true) Chart used: No. 6400 Ed'in 21.8 mile
Chart used: No. 6400 distant 21.5 mile
Drift: Direction
Depth of Haul
Apparatus and Rig used

Time towingh.,m.
Remarks:
24 6 11 0 2 2 2
Deck Officer Mr. Cassing Recorder Stalling

11—1023 SOUNDING WIRE.				2.	FMS.	DREDGING CABLE.					
7	M. Down.		UP. J.M. 5 18 25 5 18 25			M. Down.		N. UP.	M		
5	16	10		18	1	0					
T	1	(2)	-	16	00	103 100					
	10	10	,	-	42	200					
						300					
						400					
						500			-		
						600					
						700		*	-		
	1000					800					
						900		-			
						1000			-		
						1100			-		
						1200			-		
						1300					
						1400					
						1500					
						1600					
						1700					
						1800		199			
						1900					
						2000					
						. 2100			100		
						2200					
						2300					
						2400	No.				
						2500					
						2600					
						2700		Total I			
						2800					
						2900					
						3000			7		
						3100					
						3200	-		1		
						3800			-		
						3400					
						3500			-		
						8600			-		
						3700					
				-		3800					
			-			3900					
		100				4000		1			
						4100					
						4200					
						4300					
						4400					
						4500					
						4600					
						4700					
						4800					
	-		20			1000					

Durater STON
Hydrog No. 38/4 Date, July 22 , 19
Bredge No. 5874 Date, July 22 , 19 5 Sag. Mch. Electric Rec El Lead 30 Us.
Turns Cor'n Depth Offms. Sdg. Cup Arming Seff South Bot'm Character of Bottom Thermom No. Seff South Sample Character of South Sample Character of South Sample Cor'n Stem. Bottom Reading Cor'd Temp.
Sdg. Cup asming (SA Sorp) Sample
Character of My Langues
The first of
Thermon. { Make (Instr
(No (Stem,
Bottom Reading Cor'd Temp. Temp. Surf. Time J. 20 Air J. 3 Air J. 5 Air J.
(52° Time 5:30 m) (53°
Temp. Surf. Time Air 39
Densitu · Surf
The +
Wind: Direction West Force 3 Baromet. 30.35 Ant. of State of II Weather &
Baromet. S. Clouds 9 State of Sea
Weather bc
A D. S.
Surface
Direction and Force Surface of Ourrent. Bottom
Tide
4/190 1 1
Congrest Tourists of St astrong to Ca . L
General Locality off It askington coast
General Tocality off Washington coash
Position Destruction Is Light hears N77% F (thui) Chart used: No. 6400 Sedant 220 mile
Position Destruction Is Light hears N77% F (thui) Chart used: No. 6400 Sedant 220 mile
Position Destruction Is Light hears Ny24° E(two) Chart used: No. 5400 Rdn 21° Smile Drift: Direction Distance
Position Destruction Is Light hears Ny24° E(two) Chart used: No. 5400 Rdn 21° Smile Drift: Direction Distance
Position Destruction Do. Light hears N774° E(this) Chart used: No. 6400 Ed'n 218 Drift: Direction Distance
Position Destruction Is Light hears Ny24° E(two) Chart used: No. 5400 Rdn 21° Smile Drift: Direction Distance
Position Destruction Is Light hears Ny24° E(two) Chart used: No. 5400 Rdn 21° Smile Drift: Direction Distance
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is Light hears N774° E(two) Chart used: No. 5400 Ed n Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Destruction Is. Light hears N7745 E (Two) Chart used: No. 5400 Edn 218 Drift: Direction Distance Depth of Haul Apparatus and Rig used

@

SOUNDING WIRE.	FMS.	DREDGING CABLE.					
# M. Down. UP. J. M.	FMS.	M. Down.	UP.				
	0						
5 25 50 5 25 52	105-100						
	200	The second	4.34				
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1800	707					
	1400						
	1500	-					
	1600						
	1700						
	1800						
	1900						
	2000			1			
	2100						
	2200						
	2800		-				
	2400			-			
	2500						
	2600						
	2700	The state of	200				
	2800						
	2900			1			
	3000						
	3100 3200						
	3300			+			
	3400						
	3500			-			
				-			
	3600			-			
	3700			-			
	3800			1			
	3900			1			
	4000						
	4100			-			
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						
444 (3)	4900						

Hydrog No. 5875 Date, July 22 ,19 15 Sdg. Mch. Electric Reel El. Shott 30 Us. Turns Cor'n Depth 105 fms.
Sdg. Mch. Electrica (Reel El. Shot 30 lbs.
Turns Cor'n Depth /0. fms.
Turns Cor'n Depth /05 fms. Sdg. Cup Armen (Sft Soap) Ant. Bot'm Sample Character of Bottom Gn. M. G. fw. Gy. Thermom. Make Cor'n Stem. Bottom Reading Cor'd Temp. Temp. Surf. Time S. 40 G. Air J.
Thermom. $\begin{cases} Make & V \\ No. & Cor'n \end{cases} \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading Cor'd Temp,
Temp. Surf. Time 5:40 Air 59
Density: Surf fms.
Wind: Direction West Force
Wind: Direction West Force S Baromet. 20.25 Amt. of 4 State of TY Weather by
Weather Le
Direction and Force $Surface$ $Bottom$
Tide
Position Destruction b. Light hears N 74° F (true). Chart used: No. 6400 Edin Distance Depth of Haul
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:
Deck Officer Mr. Cassidy Recorder ankel 11-1023

11	DUND	NG V	VIRE		EMS	DREDGING CABLE.					
a.M.	Down	. UP	a	M.	FMS.			UP.			
-	36 50	_	10-		0		201171	Or.	M		
0	25. 95	1	39	15	100				-		
4	7 131	50	7)	32	200			-			
							1	-	-12		
					300		1				
					400						
					500			-42			
					600						
	-				700		-				
	-				800						
-					900						
					1000						
					1100						
					1200						
					1800						
					1400		45	-			
					1500						
					1600						
					1700						
					1800						
					1900						
					2000						
					2100						
					2200						
					2800						
					2400						
					2500						
					2600						
					2700						
					2800						
					2900						
					3000						
					8100						
					3200						
					8800						
					3400						
					3500						
					3600						
		-			3700						
					3800	-					
					3900						
					4000						
					4100						
					4200						
					4800						
					4400						
				4	4500						
					4600		-				
					4700						
					4800		1				
		3			4900		1				

Dred No. 5876 Date, July 22 , 195
Sag. Mch. Electric Reel El Grad 30 Us.
Turns Cor'n Depth 193 fms.
Sdg. Cup Character of Bottom CTS. G.
Thermom. $ \begin{cases} Make & & \\ & & \\ \mathcal{N}o, & & \\ \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. {
Density: Surffms.
Wind: Direction West Force 3
Baromet. 30.35 Amt. of State of J
Weather be
Direction and Force Surface Bottom
Tide
Andrew Control of the
General Locality Off Washington Coast
Position Destruction Is Light hears N 754°E (true)
Chart used: No. 6400 Odistant 22 pmiles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:
######################################

Deck Officer Mr. Casting Recorder MARINI-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
an	M. Down.		UP.	a	M.			M. Down.		M
5	48	40	5	.17	1-1	0				
5	VÁ	d.F	5	Va	11	0 /01 100			180	
	1	1/10		19	16	200				
						300		3		
						400				
						500				
						600				
						700				
						800				,
						900				
						1000				
					-				-	
						1100				-
					-	1200		-		
						1300				
						1400				
						1500				
						1600				-
						1700				-
						1800				
						1900				
						2000				
						2100				
						2200				
						2300				
						2400				-41
						2500				
						2600				
						2700			- 11-	
						2800				
						2900				
						3000				
						3100				
						3200				
	-					3300				
						3400				
						3500				-
									-	-
						3600				
						3700				
				-		3800	-			
						3900				
						4000		-		
						4100		-		
						4200				
						4300				
						4400				
						4500				
						4600				
						4700				
				- 1		4800				1
						4900				

Hydrog. No.	5877	Date,	u ita	= :	, 19
Sag. Meh. E.	la cirie	Reel	5%	that \ Leads	\ in this.
Turns	Cor'n		Denth		10/ fms.
Sde Cun	120	lml.	Bot'm comple		
Character of Bottom	21 113 1	9171	1 6	4-	
Thermom. $\left\{\begin{matrix} Mak\\ \mathcal{N}o. \end{matrix}\right.$	ce Friend	Negrei	Tinger.	unles	_
Bottom Reading	5	1. 40	Cor'd	Temp.	
, ,	520 "	. /			(210
Temp. Surf.	57.3" 1	ime 6:	(30)	Air	
Density: Surf.	emy 1000mg		,	Cms.	
Density: Surf. Wind: Directio	n		Force	3	and the second second second second second second second
Baromet. 30.	36 Am	t. of J	S	Sea Sea	712
Weather					
Direction and F of Current.	orce Surface Bottom				
Tide					
General Locality	6/17	Vax	hnigt	on C	Coast
				150	77.00
				150	77.00
General Locality Position Dests Chart used: No Drift: Direction	nction bo. a			76/2E	77.00
Position Destr Chart used: No	6400		ians N	76/2E	77.00
Position Desti Chart used: No Drift: Direction	nction bo. a		ians N	76/2E	77.00
Position Destr Chart used: No Drift: Direction Depth of Haut	nction bo. a		ians N	76/2E	77.00
Position Destr Chart used: No Drift: Direction Depth of Haut	nction bo. a		ians N	76/2E	77.00
Position Destr Chart used: No Drift: Direction Depth of Haut	nction bo. a	eight le	ians N	76/2E	77.00
Position Destr Chart used: No Drift: Direction Depth of Haut	nction Is. 3	Eight le	vars N Listorif	7618 E 22 1	(true)
Position Desti Chart used: No Drift: Direction Depth of Haul	nction Is. 3	Eight le	vars N Listorif	7618 E 22 1	(true)
Position Desti Chart used: No Drift: Direction Depth of Haul	nction bo. a	Light le	vars N Listorif	7618 E 22 1	(true)
Position Desti Chart used: No Drift: Direction Depth of Haut Apparatus and I	uction 10. 3. 6.400	Light le	vars N Listorif	76/1: E	(true).
Position Desti Chart used: No Drift: Direction Depth of Haut Apparatus and I	uction 10. 3. 6.400	Light le	vars N Listorif	76/1: E	(true)
Position Desti Chart used: No Drift: Direction Depth of Haut Apparatus and I	uction 10. 3. 6.400	Light le	vars N Listorif	76/1: E	(true).

SOUNDING WIRE.	D	REDG	ING	CAI	BLE.
AM. DOWN. UP. AM. FMS.	M	. Dow	N. 1	UP.	
60220604500			-		
6 03 00 6 03 05 10/100					
200		. !			
300					•
400					
5.00 m 17.5.5 500			1		
6 25 50 6 39 40 700 6 27 10 6 37 15 8 7 800 f.					
6.27/0 6 37 15 87800 6					
900					
1000					
1100	1				
1200					
of yo massange at 6:57/61800					
1400					
1500					
1600	- 1				
1700					
1800					
8 05 00 8 09 15 1000 8 05 00 8 05 05 822000					
8 05 00 8 03 05 822000				-	1
2100					
2200					
2300					
2400					
. 2500					
. 2600					
2700					
2800					
2900					
3000		[
3100					
3200					
3800					
3400					
3500 1					
3600 3700					
8800					
4000					
4100					
4200					
4800	. 1			ž.	
4800					
4500					
4600					
4700					
4800					
4900					

00	
Dredge Hydrog. No. Dan	le,
	Kerl Shott Of - Us.
Turns Cor'n	Depth of fms.
Sag. Cup	Amt. Bot'm Sample
Character of Bottom Gran	
Thermom, $\left\{ \begin{matrix} Make \\ No. \end{matrix} \right\}$	$Cor'n$ { $Instr.$ $Stem.$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	$\left. Air \right\}$
Density: Surf.	fms.
Wind: Direction	Force '
Baromet Amt. of Clouds	State of Sea
Weather	
Direction and Force Surface of Current. Bottom	
Tide .	
	reshington coast
Position Destruction Is, Ly	My hears N80°E (time) olistant 21st miles
Chart used : No. 64-00	Rd'n /90
Drift: Direction	Distance
Depth of Haul	*
Apparatus and Rig used	
	Time towing h. m.
Remarks:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Deck Officer 144 - Mich Recorder Farmer 11-1623

11-1023			1		
SOUNDING WIRE.	FMS.	DR	EDGIN	G CAI	BLE.
M. Down. UP. A. M.	PAIS.	M.	Down.	UP.	M
	0			-	
9 39 = 1 : :	100				
	200				
	300		:		
	400				
	500				
	600				
	700				
.	800				
	900				
	1000				
. 1	1100				
	1200				
	1800				
	1400				
:	1500				
	1600				
	1700				
	1800			1	1
	1900		1		
	2000				
	2100 2200				1
	2300				1
'	2400				
1	2500				
	2600				
	2700				:
	2800			1	
	2900				
	3000				
	3100				
	3200				
	3300				
1	3400				
•	3500				
	3600				
	3700				
	3800				
	3900				
	4000				
	4100				
	4200				
,	4800				
	4400				
	4500				
	4600				
	4700				
	4800 4900	1	1		
	4000				T.

5 41 45		
Dredge Hydrog. No. JA / Date,		, 19
Sag. Mch. (C. d. Co. 1) Res		iot ad lbs.
Turns Cor'n	Depth :	
	mt, Bot'm Sample	
Character of Bottom.	in a moral of	- 93
$\{Makr\}$	(Instr.	
Thermom. $\left\{_{\mathcal{N}o},\right.$	Cor'n Stem.	
Bottom Reading	Cor'd Ter	np
(Time)	
Temp. Surf.	} ~	1ir
Density: Surf.	fm	· · · · · · · · · · · · · · · · · · ·
Wind: Direction	Force	
Baromet. 27 27 Amt. of Clouds .	W Star	te of
Weather .		
(Surface		
Direction and Force Surface Bottom		
Tide		
	Mary and the second distribution of the Second Seco	
General Locality Off me	retrugto	Coast
Position Destruction Id. Ly	for bearer	82° E (true)_
Chart used: No. 6400	Clistant 2	0.0 miles
Drift: Direction	Distar	
Depth of Haul		
Apparatus and Rig used		
	Time towing	
Remarks: .		
		,
	Recorder (Park .
Deck Officer	Recorder	11-1023

11-1023	
SOUNDING WIRE.	DREDGING CABLE.
M. Down, Up. M.	M. Down. Up. M.
75/10/ 9/52/53 0	
135 95140 97100	
200	
300	
400	
500	
600	
700	
800	
900	
1000	
1100	1
1200	
1300	
1.100	
1500	
1600	
1700	
· 1800	
1900	
2000	
2100	
2200	
2300	
2100	
2500	
2000	
2700	
2800	
2900 3000	
3100 3100	
3200	
3300	
8100	
3500	
3600	
3700	
3800	
3900	
-1000	1
4100	
4200	
4300	
4400	
4500	
4600	
4700	
4800	
. 1900	

Dredge Hydrog. No	Date,		. , .	, 19 .
	Reel	2 -1.	Shot \ Lead}	lbs.
Turns Co	r'n	Depth		fms
Sag. Cup!	Am.	t. Bot'm Sample		
Character of Bottom				
(Make		(Instr.		
Thermom. No.		Cor'n Stem.		
Bottom Reading		Cor'd I	'emp,	off and and all fact are also that the same
	Time	.)	(
Temp. Surf.	Time	}	dir	
Density: Surf.		. /	ms.	
Wind: Direction	N-W	. Force	3	
Baromet. 30.38	Amt. of Clouds	1/ St	alr of Sca	
Weather				
of Current.	rface			****
(Bo)	ttom	As the served ser general service and the service service service.		in the state was sub-sens and make some in
General Locality Of	f Tras	slingto	n Co.	is!
, ,			/-	
Position Destruction	re S. Light	it bears	N 8401	E (Tuce
Chart used: No. 60	400 E	stant 2	2	
Drift: Direction		Dista	nee	
Depth of Haul				
Apparatus and Rig used				
	Tix	ne towing	/1.	m.
Remarks:				

SOUNDING WIRE.		DREDGING CABLE.		
	FMS.			-
A. M. DOWN. UP. M.	Barrensa.	M. Down.	UP.	M.
1 2 1	0 .			
11 3 - in	- 100			
	200			1
	300			
	400		1	
	500	1		
	600 .			
	700			
	800		t	
1	900			
	1000			
	1100			
	1200			
	1300			
	1400			1
	1500		i	
	1600		1	-
	1700			
	1800			
	1900			
	2000 2100			
			1	
	2200 2300		1	
	2400			
	2500			
	2600			,
	2700			1
	2800			
	2900		1	
	3000		4	
	3100			
	3200			
	3300			
	3400			
	3500			
	3600			2
	3700			
	3800			2 2
	3900			
	4000			[
	4100	1		
	4200	1		
	4300			
	4.100			
	4500			
	4600			
	4700			
	4800			
	4900			

Dredige No. Date, 1999 9 0	, 19.12
Sag. Mch. 1 Shot Lead	Tbs.
Turns Cor'n Depth	If fms.
Sag. Cup Ant. Bot'm Sample	
Character of Bottom	
(Make Instr.	
Thermom. Stem.	
Bottom Reading Cor'd Temp	
Temp. Surf.	
Density: Surf fms.	
Wind: Direction / Force	
Baromet, 36.38 Amt. of State of Sea.	
Weather	
Direction and Force Surface Of Current. Enton	
Tide	
General Locality Of Washington Co	J
Position Destruction Js. dight bears N88 Chart used: No. 6400 Ed distant	12°E (true).
Chart used: No. 6400 Edin 19	a meli
Drift: Direction Distance	0
Depth of Haul	
Apparatus and Rigused	
Time towing	h. m .
Remarks:	
NOMINE NO.	

11-1023			
SOUNDING WIRE.		DREDGING	CABLE.
/ M. Down. Up M.	FMS.	M. Dows,	
. 1 . 175		1	(1, ,,,,
	()		
10 2/20 1	100		
	200		
1	300		1
	-100		
	500		
	600		
	700	1	
	800		
	900		
	1000		
	1100		
	1200		
	1800		
	1.100		
	1500		
	1600		
	1700		1
	1800		
	1900		
	2000		
	2100		
•	2200		
	2300		
	2100		
	2500		
	2600		
	2700		
	2800		
	2900		
	2000		
	3100		
	3200		
	3200 3100		
	3500		
	3600		
	3700		. 1
	3800		
	3900	1	1
	4000		
	4100		
	4200		
	4300 4100		
	4500		
	4600		
	4800		
	4900		
	4111(1()		

(72)	
Dredge No. 5882 Date,	her 22 10/1
	i/ Shot & 1bs.
Turns Cor'n	Depth Ims.
Sag. Cup in aning A. A.	mt. Bot'm Sample
Character of Bottom	21
(Make	(Instr
Thermom.	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time /	(05) stir
Density: Surf	fms,
Wind: Direction / V	Force
Baromet. 3038 Amt. of Clouds	State of 1/1
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality Off Da	V:18.
Position Destruction do, Ligh	t bears N88/2 E (true).
Chart used: No. 6400	Ed'n 200 -
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h , m .
Remarks:	

Deck Officer 10 2 1(12) Recorder 11-1023

11—1023			
SOUNDING WIRE.	FMS.	DREDGING CAB	LE.
. M. Down, Up M.	P MO.	M. Down. Up.	M.
1.75161	0		
D' 54 . E.	100		İ
	200		
	300		1
	400		1
	500		
	600		
	700		1
	800		
1	900 1000		
	1100		
	1200		
	1300		
	1400		
	1500		
1 .	1600		
	1700		
	1800		
	1900		
	2000		
, , ,	2100		
	2200		
	2800		
	2400		
	2500		
	2600		
	2700		
	2800		
	2900 3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		1
	3700	İ	1
1	3800	1	
	3900		
	4000		
	4100		ļ
	4200		
	4300		
	4400		
	1500		
	4600 4700		
	4800		
	4900		
	,,,,,,		

Hydrog. No. J & KY	Date, - Fill	19/
Sdg. Meh. W.V.	Reel	Shot 30 lbs.
Turns Cor'n.		Depthfms.
sag. cup Inning faction	Amt. Bot'm	
Character of Boltom	Marks	· I am M
	gy /	1. 1.
Thermon, Make	Cor'n {	nstr.
No.	1,5	item.
Bottom Reading	O	or'd Temp.
Temp. Surf.	Time 10:50	Air 6 *
Density: Surf.		fms.
Wind: Direction//_YV	For	ce O
Baromet. L. A.	nt. of douds	State of 11
Weather	1-01	

Direction and Force Surface of Current.		
Tide		
General Locality Off	rashing	oton coast
Position Destruction do.	Light hour	N88/2°E (Time)
Position Destruction b. Chart used: No. 6400	distant Edin	127;0 miles -
Drift: Direction		Distance
Depth of Haul		
Apparatus and Rig used		
	Time towir	ng h. m.

Remarkse

SOUNDING WIRE.		DREDGIN	G CABLE.
M. Down. Up. M.	FMS.		UpM
1 1		I DOWN.	OP MI.
A THE RESERVE AND A STATE OF THE PARTY OF TH	0		
and the right for	2-100		
·	200		
	300		1 1
	400 500		
!	600		
	700		
	800		
	900		
;	1000		,
	1100		1
	1200		
	1300	'	
	1400		
	1500		,
	1600	Ţ	
	1700		
	1800		
	1900		
- I J 1	2000		
	2100		1
	2200		
	2300		ľ
1	2400	1	1 6
	2500		
	2600		ſ
	2700		
1	2800		
'	3000	1	
	3100		
	3200		
	3800		
	3400		1
	3500		
	3600		
	3700		!
1	3800		1
	3900	,	
	4000		
	4100		
	4200		
	4800		
	4400	,	
1	4500		

Bred to Hydrog	Date,	/1 fr	, 79
Sag. Meh.	Reel - F	· Leads	lbs.
Turns Cor'n		pth/ []	fms.
Sdg, Cup	Amt, Bot'm Sample		
Character of Bottom			
Thermon. $\begin{cases} Make \\ No. \end{cases}$	$Cor'n$ $\begin{cases} In: \\ Steel \end{cases}$	str.	
Bottom Reading	Cor	"d Temp.	
Temp. Surf.	ime 11:12	\ Air\	
Density: Surf.		fms.	
Wind: Direction //-	V Force	·	
Baromet, 19:50 Am	t. of I	State of N	
Weather	bos.		
Direction and Force of Current.			
Tide			
General Locality Off 7	rashing	la Coa.	1.
Position Destruction Is. I			ue)
Chart used: No. 6400	l'elistant	23.0 mile	,
Drift: Direction		istance	the late also also con a page agent agent
Depth of Haul			
Apparatus and Rig used			
	Time towing		
Remarks ·			

Dredge No.	Date,		,	19
Sag. Mch. William	Reel//	· (id - Sho	130	7bs.
Turns Cor'n		Depth /		fms.
Sdg. Cup	I Amt. I	Bot'm mple		
Character of And	11/1.01	fi Lagardaga		
(Make		(Instr		
Thermom. No.	Co	r'n Stem		
Bottom Reading		Cor'd Temp		
	Time/1			
Temp. Surf.	Time	\ .lir	-	
Density: Surf.		/ms.		
Wind: Direction	11-10	Force	5	
	nt. of	State	of M	
Weather =	onnos	,,,,,,		
n am				
1 Surface				
Direction and Force Surface of Current.				
Tide				
au V	2- 1/2	uplon o	A	1
General Locality Off Y	rash	igron (0.61.5-	V
7- t + 0.	6116	67'	E (tu	
Position Destruction Id.	digus dis	lant 24	Domin's	9
Omer a.s.o., 110.	$Ed^{*}n$	2.3.	9	
Drift: Direction		Distance		-
Depth of Haul				
Apparatus and Rig used				
	Time	towing	h.	m.
Remarks:				

Dredge No. S. S.	Date,			, 1	9
Sag. Mch. (C. 1964)	Ree	1/00 1/12	Lea(b)		Ihs.
Turns Cor			pth 2.	3 5	fms.
Sag. Cup (Classes)	A	mt. Bot'm Sample			
Character of Bottom	1.)				
Thermom.		Cor'n {	str. em	***	
Bottom Reading		Cor	e'd Temp.		
Temp. Surf.	Time		\ . tir \		
Density: Surf			fms		
Wind: Direction.		Force			
Baromet.	Amt. of Clouds	4	State of Sea	M	
Weather					
Direction and Force Sur of Current.	face tom				
Tide					
General Locality Off				rast	
Position Destruction Chart used: No. 64.	Is. Tight	hears)	Y 88/20/	(true))
Chart used : No. 640	20 1 6	lest auf	24.9	miles '	
Drift: Direction			Distance		
Depth of Haul					
Apparatus and Rig used .					
	7	ime towing		h.	m.
Remarks:					
neancer(s)					

SOUNDING WIRE,	723761	DREDGING CABLE.		
M. Down. Up. /	M. FMS.	M. Down. U	·	
45	0	1		
D87	100	1 1	1	
10 10 July 10	200			
	300			
	400		1 1	
	500			
	600			
	700			
1	800	1		
	900			
	1000			
	1100			
	1200		1	
	1800			
	1400			
	1500	,		
	1600		.	
	1700		1	
	1800		1	
	1900			
	2000			
	2100			
	2200			
1	2300	100		
	2100			
	2500			
	2600	4		
	2700			
1	2800			
	2900			
	3000			
	3100			
	3200			
	3300			
	3100 ,			
	3500			
	3600			
	3700			
	3800		1	
	3900		1	
	4000		,	
	4100		:	
	4200		1	
	4300			

	/1 //
Dredge No	Date, July 92 , 19/5
Sdg. Meh	Recel shot Bot 1bs.
Turns Cor'n	Depthfms.
Sd.g. Cup	Amt. Bot'm Sample
Character of Bottom	
Thermom. $\begin{cases} Make & \dots \\ No. \end{cases}$	Cor^*n $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf.	Time
Density: Surf.	fms.
Wind: Direction	Force
Baromet.	Amt. of)/ State of M =
Weather	see -
	J
Direction and Force Surface of Current.	
Tidr	
1.00	
General Locality Off	maxling ton court
	11887, 1
Position Destruction &	b. Light hears E (true)
Chart used : No. 64.00	b. Light bears E (true) clistant 24.0 miles
Drift: Direction	Distance
Depth of Haul.	
Apparatus and Rig used	
	Time towing h. m.
Remarks :	n. m.

SOUNDING WIRE.		EMS	DI	DREDGING CABLE.			
AM. Down.	UP. A.	м.	FMS.		Down.	71.00	
114020	1/43	15	. 0	1			
11 4120	1141	05	160100				
11/1/20	17 /	W W	200	-			
			300				
			-100				
			500				
			600				
			700				
		1	800				
			900				
			1000				
			1100				
			1200				
			1300				
		1	1400				
			1500	1			
			1600				
			1700				
			1800				
			1900				
		1	2000				1
		1	2100				
		1	2200				1
		1	2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
	1	1	3000				
			3100				
, , ,			3200	in the second			
		-	3300				
		1	3400				
			3500				
			3600	Toward .			
			3700				1
1 1 1		1 1	3800				
			3900				
			4000				
1 1		1	4100				
			4200				
			4300				
			4400	1 1			
			4500				
			4600	1	1 1		
			4700				
			4800				
	1	1	4900				

Dredge Hydrog.} No.	Date,	1		1	, 19
Sdg. Mch	Rrr	ı'	SI.	of (Ths.
Turns Cor'n			pth -	/	fms
Sag. Cup Banan glade !. Character of Colland. Bottom	neerfe An Let a Ger	it. Bot'm Sample.			
Thermom, $\left\{ egin{aligned} Make & \\ N_{\mathcal{O}}, \end{aligned} \right.$	Off the all the life, this had you can far a	$Cor'n\begin{cases} In \\ SI \end{cases}$	cm.		e den min han han gar gip opn opn den
Bottom Reading		Co	r'd Ten		,
Temp. Surf.	Time L		A	ir 6	4 .
Density: Surf.			fms		
Wind: Direction	- YV	Force	g	<u> </u>	
Baromet. 3038 6	Amt. of louds	<u> </u>	State	of L	
Weather					
Direction and Force Surface of Current.		No. 400 AC Six wind data was now data year year			
Tide		****			
990000					
General Locality Off To			e lest.	(0) 0 m)	1
Position Destruction do, L. Chart used: No. 6400	ight h	cars I	890E 123.	(true)
Drift: Direction	. /:		Distanc		
Depth of Haul		I	rsiune	B	M 10 10 10 At 1 10 At 1
Apparatus and Rig used					
apparatus ana 1112 usea					
	T.	me towing		1.	
Remarks:	11	me cowern;	,	h.	m.
noments;					

Dredge Hydrog. No	Date,		, 19
Sdg. Meh.	. Reef	Shott Leads	1bs.
Tarns Cor'n		Depth 9	4 fms.
sag. ouplanning To	Amt. Bot' Samp	m le	******
Character of /			
Thermom. $\left\{ \begin{matrix} Makr \\ No. \end{matrix} \right.$	Cor'n	${Instr.} \\ Stem.$	
Bottom Reading		Cor'd Temp	
Temp. Surf.	Time C. C.	Air	- (
Density: Surf.		fms.	
Wind: Direction		orce 3	
Baromet	Amt. of /	State of Sca	A
Weather			
$Direction \ and \ Force \begin{cases} Surface \\ of \ Current. \end{cases}$			
Tide			

General Locality off	mashin	plan co	rast
	0.111	1 7	OT 1
Position Destruction Js.	Light hear	1.5.88 E	True)
Chart used: No. 6400	Ed'n	, ,	
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used			
	Time tow	ing h	. m.
Remarks:			

Recorder

11-1023

Deck Offleer

SOUNDING WIRE.			DREDGING CABLE.		
printer.	I. Down. Ur. T.M.	M. Down, Up. M.			
1			1		
		100			
	en a source	200	1		
		300			
		-100			
		500			
		600			
	1	700			
		800			
		900			
		1000	1		
		1100	1		
		1200			
	1	1300			
	1	1400			
		1500			
		1600			
		1700			
		1800		1	
		1900			
		2000			
		2100			
		22(4)			
		2300			1
		2100			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100 3200			
		3300			
		3100			
		3500			
		3600			
		3700			
		2800			
		3900			
		4000			
		4100		I	
		1200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Dredge No. 1590 Date	, 19.
Sdg. Mch Re	Shot Rolls.
Turns Cor'n	Depth
sag. cup alimin (Stiffer)	mt. Bot'm Sample
Character of Bottom	3) for in
Thermom. $Make$	Cor'n Stem.
Bottom Reading	Cor'd Temp
Temp. Surf. Time	12.193 Air
Density: Surf	fms,
Wind: Direction	Force
Baromet. O. 3 Amt. of Clouds	State of Sea
Weather Ca.	
Direction and Force Surface	
Direction and Force Surface Bottom	
Tide	_
Tide	-
General Locality Off Was	thington coast
General Locality Off Was	5.7%.:
General Locality Off Fra d	5.7%.:
Contrat Locality Off Fra de Position Destruction to Light Chart used: No. 6400	hears \$86° E (hue)
General Locality Off Fra d	5.7%.:
Contrat Locality Off Fra de Position Destruction to Light Chart used: No. 6400	hears \$86° E (hue)
General Locality Off Fra de Prosition Destruction to Light Ohart used: No. 6400 Drift: Direction	hears \$86° E (hue)
Convert Locality Off Fra de Position Destruction to Light Ohart used: No. 6400 Drift: Direction Depth of Haul	hears \$86° E (hue)
Convert Locality Off Fra de Position Destruction to Light Ohart used: No. 6400 Drift: Direction Depth of Haul	hears \$86° E (hue)
Convert Locality Off Fra de Position Destruction to Light Ohart used: No. 6400 Drift: Direction Depth of Haul	hears \$86° E (hue)
Convert Locality Off Fra de Position Destruction to Light Ohart used: No. 6400 Drift: Direction Depth of Haul	hears 586 E ("hue) distant 21,7 miles Bit'n Distance
General Locality Off Fra a Position Destruction to Light Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	hears 586 E ("hue) distant 21,7 miles Bit'n Distance
General Locality Off Fra a Position Destruction to Light Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	hears 586 E ("hue) distant 21,7 miles Bit'n Distance
General Locality Off Fra a Position Destruction to Light Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	hears 586 E ("hue) distant 21,7 miles Bit'n Distance
General Locality Off Fra a Position Destruction to Light Chart used: No. 6400 Drift: Direction Depth of Haul Apparatus and Rigused	hears 586 E ("hue) distant 21,7 miles Bit'n Distance

Deck Officer Mr. Jack . Recorder Adverte

11-1023

Bradge No. 20 Date	, , ,		, 19 .
sag. Mch. Olinian. Re	eet	Shot \ Leads	1bs.
Turns Cor'n	Depth	0	7 fms.
Sag. oup. Arming (St. Sex)	lmt. Bot'm Sample		
Character of Gra 712 A	6		
Thermon.	Cor'n Instr.		
Bottom Reading	Cor'd	Temn.	
148	12:3/01	6.	٠,
Temp. Surf. Time	la tantana d'angles) as	Air	
Density: Surf.		fms,	
Wind: Direction 77.	Force	3	* - * - * - * - * - * - * - * - * - * -
Baromet, 30.22 Amt. of Clouds		State of Sea	7
Weather 6			
Surface			
Direction and Force Surface of Current.			
Tide			
1100			
General Locality Off Sma	shington	i Ca	wil
/ /	V	81:	
Position Destruction S. Light Chart used: No. 6400	hears SE	34/2°E (true)
Chart used: No. 6400	$\mathbb{R}d'n$	2011:14	
Drift: Direction	Dist	lance	
Depth of Haul			
Apparatus and Rig used			
	Time towing	/1.	m
Remarks:			
TOTAL CONTRACT OF THE PARTY OF			

SOUNDING WIRE.		DREDGIN	G CABLE.
M. Down. UP. AM.	FMS.	M. Down.	Ur N
	- 0	1	
	92100-		
2.29 30 12 28 00	200		
	300		
	400		
	500		
	600		
	700		
	800		2
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
1	1700		
	1800		1 1
	1900		1 1 1
	2000		1 1
1	2100		
	2200		: 1
	2300		
-	2100		
	2500		
	2600		
	2700		1 1
	2800		
	2900		1 .
	3000		
	3100		
	3200		
	3300		
	3100		
	3500		
	3600		
	3700		
	3800		
	3900		:
	-1000		1
	4100		,
	4200		
:	4300		
1	4400		
:	4500		
	4600		
	4700		
1	4800		
1	4900	1	1

2.24		
Dredge No. Date	r, /:	,19
	cel. Shott Leads	1bs.
Turns Cor'n	Depth	Co fms.
Character of Bottom	Amt. Bol'm Sample	
Thermom. $\left. \begin{cases} Make \\ No. \end{cases} \right.$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd Temp.	
Temp. Surf. Time	12:42 7. Air	6:0
Density: Surf.	fms.	
Wind: Direction. TVW	Force	
Baromet D. Z . Amt. of Clouds	/ State of Sea	77
Weather .		
Direction and Force $Surface$ $Bottom$		
Tide		

General Locality Off Was	lungton coa.	et.
Position Destruction So. Light Chart used: No. 6400	I hears \$ 850.	E (tive)
Chart used: No. 6400	Rd'n	1. 1
Drift: Direction .	Distance	
Depth of Haul	,	
Apparatus and Rig used		
	Time towing /	n. m .
Remarks:		

11-1023			
SOUNDING WIRE.		DREDGING CAL	BLE.
AM. Down. UP. AM.	FMS.	M. Down, Up.	
1239 2517 4120	. 0		
12.39 50 1239 55	8 to 100- 200		
	300		
	400		
	500		
	600		
	700	i	1
	800		1
	900		
1	1000		
	1100		
	1200		
	1300		
	1400		1
	1500		
	EG00		
	1700		i
	1800		
	1900		
	2000		1
	2100		
	2200		
	2300 2100		
	2500		
	2600		
	2700		
	2800	`.	
	2900		
	3000		
	3100		
	3500		
	3300		
	3100		
	3500		
	3600		
	3700		
1 6	3800		
	3900		
	-1000		1
	4100		1
	4200		
	4300 4400		
	4500		
	4600		
	4700		
	4800		
	-1900		
			1

63)
Hydrog No. 5893 pate, July 22, 19 15
Sag. Meh. Election Rent Lead NO 1bs.
Turns Cor'n Depth/ fms.
Sag. Cup A? The sample Character of
Rottom
Thermon. $\begin{cases} Make & & \\ & & \\ No. & & \\ \end{cases} Stem.$
(No.
Bottom Reading
Temp. Surf. Time 12: Sep Air
Daniel Crack fins.
Wind: Direction 7070 Porce 3-1
Baromet. 20.37 Clouds O Sea //
Weather
Direction and Force $Surface$ of Current. $Bottom$
Tide
General Locality Off Washington coast.
Position Destruction So. Light hears \$83°E (lung) Chart used: No. 6400 Chart used: No. 6400
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towingh,
Remarks:

Deck Officer Mr. She Long Recorder Strate 11-1023

11-4023			
SOUNDING WIRE.		DREDGIN	G CABLE.
CM. DOWN. UP. CM.	FMS.	M. Down.	
12 53 30 12 55 10	0		
14 54 00 12 54 01	78 100	1 1	
117/100/17/101/10/	200		
	300		
	400	, ,	
	500		
	600	1	
	700		
	800		1
	900		
1 1	1000		
	1100		
	1200		
	1300		
1	1400 1500		
	1600		
	1700		
	1800		
	1900		11.1
	2000		
	2100		
	2200		
	2300		1 1
	2400	1 1	!
	2500		
	2600		1
	2700		
	2800		
	2900		
	3000		
	3100		
	3300 :		
	3400		
	3500		
	3600		
	3700 .		
	3800		
	3900		
	-1000	1 1 1	1
	1100		1
	4200		
	4300		
	4400		
	-1500		
	4600		
	4700	1	
	1800		
	4900	1 : .	1

(2-4) ".
Hydrog No. 589 of Date, Low! 23 ,19/
Sals. Meh. Electric well #1. Shorts 11st
Turns Depth Pepth fms
Sag. Cup f. Tm. 152 C. Amt. Bot'm
Character of M. M.
Thermom. {Make Cor'n {Instr. Stem.
No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Time
Density: Surf
Wind: Direction /// Force
Baromet. 2025 Amt. of State of Williams
Weather To.
Direction and Force Surface of Current.
Bottom
Tide
General Locality Off Washington coast
General Locality Off Washington coast
General Locality Off Washington coast
Tide
Contral Locality Off Dashington coast Position Destruction de Light bears 880°E (hue) Charlusod: No. 6400 Ellin 20.5 miles
Chart used: No. 6400 Ein Distance
General Locality Off Doushington Coash Position Destruction of Light bears 880°E (hue) Chart used: No. 6400 Elin Distance Drift: Direction Distance
General Locality Off Doushington Coash Position Destruction of Light bears 880°E (hue) Chart used: No. 6400 Elin Distance Drift: Direction Distance
General Locality Off Doushington Coash Position Destruction of Light bears 880°E (hue) Chart used: No. 6400 Elin Distance Drift: Direction Distance
Convert Locality Of Washington coast Position Distriction de Light bears \$80° E (hue) Charl used: No. 6400 Ell'n Drift: Direction Depth of Haut Apparatus and Rig used
Contral Locality Off Dashington coast Position Distriction de Light bears \$80°E (hue) Chart used: No. 6400 Eilin 20.5 mile Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Contral Locality Off Dashington coast Position Distriction de Light bears \$80°E (hue) Chart used: No. 6400 Eilin 20.5 mile Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Contral Locality Off Dashington coast Position Distriction de Light bears \$80°E (hue) Chart used: No. 6400 Eilin 20.5 mile Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.

Deck Officer Vice Change Recorder Ul 11-1028

SOUNDING WIRE.	733.5	DR	EDGII	MG CAI	BLE.
M. Down. UP. (IM.	FMS.		Down		7
1	0				
10211 105.00		1			
	200				
	300				1
	400				
	500				
	600			1	
	700				
	800				
	900				
	1000				
	1100				
	1200				1
	1300		,		
	1400				
	1500				
	1600				
	1700				
	1800 1900			1	i
	2000				
	2100				
1	2200				
	2300				
	2400				
	2500				
	2600				
1	2700	- 1			
	2800				
	2900				
	3000				
	3100				
	3500				
	3300				
	3100				,
	3500				
	3600				1
	3700			1	
	3800	1			
	4000				
	4100		1		i
	4200				
	4300				
	1100				
	4500				
	4600				
	4700				
	4800	1			
	4900	1			

(25)	
Hydrog No. 50 9 Dat	e. July 23- ,10/5
Sdg. Mch. Flactore 1	Rect El Shot 30 lbs.
Turns Cor'n	Depth 86 fms.
Sag. Cup Affine . See English Character of Bottom	Int. Bot'm Sample
$Thermom. egin{cases} Make \ No. \end{cases}$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	1: 20/2 Air
Density: Surf.	/ms,
Wind Direction NW	Force 3 - 4
Baromet. 30, 37 Amt. of Clouds	State of MY
Weather	
Direction and Force Surface of Ourrent.	
Tide	
	A SAMOON AND
General Locality Off m	ashington coast
). []	1 /2 97840 F (h)
Position Rometon to digw	h bears 878/1° E (hu) Ed'n Olistant 2/18 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

Deck Officer and South Recorder 11-1023

SOUNDING WIRE.		DDEDGING
	FMS.	DREDGING CABLE.
M. Down. Up. RM.		M. Down. Up.
1 10 30 1 18 20	0	
117:02 117 4	66 100	
. 1 /3	200	
	300	
	400	
	500	
	600	
1	700	
	800	
	900	
	1000	1
	1100	
	1200	
	1300	
:	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
: 1 1	2000	
	2100	
, ,	2200	
	2300	; ,
	2400 2500	!
		;
	2600 2700	1
	2800	' ;
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	1
' '	3700	
	3800	
	3900	
	1000	
	4100	
	4200	
	4300	
	4400	1
	4500	
	4600	
	4700	
	4800	

<u>a</u>	W.C.
Hydrog No. 55.96 Date	July 202 , 10/5
- /	erl Fel. Short 30 lbs.
Turns . Cor'n	Depth 80 fms.
sag. cup Arming Coff sody	Amt. Bot'm Sample
Character of Bottom	C .
Thermom. $\begin{cases} Make & \dots \\ No, & \dots \end{cases}$	Cor'n Stem.
Rottom Reading .	Cor'd Temp.
Temp. Surf. Time	V:32 2 11r 60°
Density: Surf	fms,
Wind: Direction NW.	Force 3 - 4
Baromet. 20. 25 Amt. of Clouds	State of 17
Weather 2.	
Direction and Force Surface of Gurrent.	
Tide	
General Locality Off Ma.	shrugton coast
Position Destruction Is. Light	hears Sygot (true)
Chart used : No. 6400	distant 22.2 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

Deck Officer Vir. Sharman Recorder auchid

 $4800 \\ 4900$

\bigcirc	
Hydrog No. 5297 Date, July 32 ,1	9 /
Sag. Meh. Electrice . Reel El. Loudy 30	Ihs.
	fms.
Sag. Cust Saring Co. Smt. Bot'm Sample	
Character of gn De of fu ques	
Thermom. $ \begin{cases} Make & \\ No. & \end{cases} Cor'n \begin{cases} Instr. \\ Stem. \end{cases} $	
Bottom Reading Cor'd Temp.	
Temp. Surf. Time 19 3 .dir	
Density: Surf. fms.	
Wind: Direction / Worer 3	-
Baromet. 20 5 Amt. of State of TY	
Weather	
Direction and Force Surface Surface Bettom	
Tide	
General Locality	
Material States Augustine	
Position Destruction Id St. A 15 in him in 19	:
Chart used: No. 5709 Ed'n	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rig used	
Time towing h.	m.
Remarks:	

Deck Officer 74 . Single Recorder Strate

11—1023	
SOUNDING WIRE.	DREDGING CABLE.
C.M. Down. Up. 4. M. FMS	M. Down, Up. M.
1.	0
1 39 20 / 39 22 814	TIT'
	10
40	
50	. 00
60	,
7 70	00 .
/ 80	00 '
/ 90	(
100	
/ 110	
120	
180	
140	
150	
160	
. 180	
190	
200	
210	
220	
230	
210	0
250	0
260	0
270	
280	
. 290	
300	
310	
3200	
3300	
3500	
3600	
370	
3800	
3900)
-1000	,
4100)
4200)
1300)
4400	
4500	
4600	
4700	
1800	
. 4900	

(30)	
Hydrog No. 5.69 ? Date,	1. 22 , 10/5
sag. Mch. Electrice Reel Il.	Shot 30 lbs.
Turns Corn Dem	
Sag, Cup a varine 15 the Sum Sample	
Character of Bottom	
(Make (Inst	r
Thermom.	···
Bottom Reading	I Temp.
(Time	100
Temp. Surf.	dir
Density: Surf.	fms.
Wind: Direction 1 7 7 Force	3-4
Baromet. Amt. of Clouds	State of
Weather 5.	
Direction and Force (Surface	
Direction and Porce Stripes Bottom	
Tide	
STATEMENT OF A TO AND AND A TO A TO AND AND A TO A TO AND A TO A TO A TO A TO A TO A TO A TO A T	
General Locality	
Position Destructe Let 5.740E	23,3 mil.
Chart used: No. 120 Rd'n	
Drift: Direction Di	stance
Depth of Haul	
Apparatus and Rig used	
Time towing	h. m .
Remarks:	

Deck Officer Will State Recorder Continued In-1023

(29)
Produce No. 5629 Date. Date. 19 15
Sag. Meh. Che. Reel El. Smith 20 1bs.
Turns Cor'n Depth 78 fms.
Sag. Cup John CEF Sample
Character of Bottom Am
Thermon. {Make
No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Sime 2: 07 3 dir
Density; Surffms.
Wind: Direction Force 3-4
Baromel. 20.26 Amt. of State of 77
Weather 3
Direction and Force Surface of Current.
of Uurrent. Bottom
Tide
General Locality
General Locality
Position Destruction Del 572/1 E 24.3 mm
Position Distruction Id 5 77/7 E 24.3 mile.
Position Destruction Del 577/1 = 24.3 mile
Position Distance ties Id 5 77/7 E 24.3 mm. Onart used: No. 6400 Ra'n Distance
Position Destruction Del 577/7 E 24.3 mm/s. Chart used: No. 6400 Rd'n Distance Depth of Haut
Position Destruction Del 577/7 E 24.3 mm/s. Chart used: No. 6400 Rd'n Distance Depth of Haut
Position Destruction Del 577/7 E 24.3 mm/s. Chart used: No. 6400 Rd'n Distance Depth of Haut
Position Distance tin Del 577/7 E 24.3 mm. Chart used: No. 6400 Rdn Distance Depth of Haut Apparatus and Rid used
Position Destruction Del 577/7 = 24.3 mm/s. Chart used: No. 6400 Rdn Distance Depth of Haut Apparatus and Rigused Time towing h. m.
Position Destruction Del 577/7 = 24.3 mm/s. Chart used: No. 6400 Rdn Distance Depth of Haut Apparatus and Rigused Time towing h. m.
Position Destruction Del 577/7 = 24.3 mm/s. Chart used: No. 6400 Rdn Distance Depth of Haut Apparatus and Rigused Time towing h. m.

Deck Officer In Supley Recorder Or



24	-	
21/0/05/	ie, Turing	
Sug. Meh. Electric	Reel E.	Shot 30 1bs
Turns Cor'n	Depth	
Sag. Cuple : 18 19 877	(1mt. Bot'm Sample	
Bottom	11 777	444
Thermon.	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd :	Temp,
Temp. Surf. Time	2:09 1	.lir
Density: Surf.		fms.
Wind: Direction NW	Force	/
Baromet, 30, 35 Amt. of Clouds		tate of Sea.
Weather		
·		
Surface .		
Direction and Force Bottom		
Tide .		
AMERICAN STREET, ST. CO.		
General Locality Off Tra	shington	Court
Position Destruction S. Lig	At bears S clistant 2	75°E (tu)
Position Destruction S. Lig Chart used: No. 6400 Drift: Direction		75°E (tu)
Position Destruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut	At bears S clistant 2	75°E (tu)
Position Destruction S. Lig Chart used: No. 6400 Drift: Direction	At bears S clistant 2	75°E (tu)
Position Destruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut	At bears S clistant 2	75°E (tu)
Position Destruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles
Position Neotruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut Apparatus and Rigused	At bears S clistant 2	75°E (tu)
Position Destruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles
Position Neotruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut Apparatus and Rigused	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles
Position Neotruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut Apparatus and Rigused	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles
Position Neotruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut Apparatus and Rigused	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles
Position Neotruction S. Luy Chart used: No. 6400 Drift: Direction Depth of Haut Apparatus and Rigused	A beans S clistant 2 Entin Dista	75°E (Im) 2,8 miles

SOUNDING WIRE.	777.5	DREDGING CABLE.		
M. Down. UP. 19M.	FMS.			
	- 0	.		
	88-100-			
3. 06 20 3 06 35	200			
	300			
	400			
	500			
	600			
	700			
	800			
	900			
	1000			
	1100			
	1200			
	1300			
	1400	i i		
	1500			
	1600			
	1700			
	1800	1		
	1900	i k k		
	2000			
i . i	2100			
!	2200			
	2800			
	2400			
	2500	1		
	2600			
	2700			
	2800	1		
	2900			
	3000			
	3100			
	3200			
	3300			
	3400			
	3500			
	3600			
	3700			
	3800			
•	39()()			
	-1000			
	4100			
	4200			
1	4300			
	4400			
	4500			
	4600			
	4700			
1 - 1	4800			
	4900			

(3) '
Hydrog. No. 1 55 Date,
Salg. Meh. E. Reet El Short 20 lbs.
Turns Cor'n Depth///_ fms.
Salg. Cup Come (See Ant. Bot'm Sample
Character of Bottom. 2 2 22
Thermom. $\begin{cases} Makr & IInstr. \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp
Temp. Surf. Time Air
Density: Surf fms.
Wind: Direction / W Force 3
Baromel. 20.2 - Amt. of State of 77
Weather
Direction and Force $Surface$ of Current. $Bottom$
Tide
AND AND ADDRESS OF THE PARTY OF
General Locality Off Washington Court
Position Of Frashurgh Stars STHOF (Time) Chart used: No. 6400 Ret in Chart used:
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towingh,m.
Remarks:
71 10 20 1000

Deck Officer Vier. Che a, Recorder Him. 11-1023

11-1	1023											
			wir	E.	777	FMS.	DREDGING CABLE.					
CM.	Dow	N. 1	Ur.	. M.	FI	as.	М.	Dow	N.	Ur.	M	
2/2	110	0	1 2	6 45	1 .	0						
3/2	11/2		3)	500	111							
-	1 4	-	2 1	~ 9a	///	200						
						300				1		
						400				1		
						500						
						G00						
						700						
					1	800						
						900						
					1	.000		1		1		
				1	1	100						
				1	1	200						
					1	300						
					1	400	i					
					1	500						
					1	600						
					1	700						
					1	800				1		
		1		1	1	900						
						000						
					2	100						
						200						
						300						
						400					1	
						500		1				
-	-	- 1	1			600						
		-				700						
						800						
						900						
			,			000						
						100						
						200						
						300						
						400 500						
						600						
						700						
						800	1	1				
	1	-	1	1 1		900						
		i				000						
		,				100						
						200						
						300	rena					
	1	1	1	1 1		400						
			1			500						
						600						
				1		700						
						800						
				1 ,		900						

<u>&</u>
Hydrog No. 589 Date, Take 77. ,191
Sag. Meh. = 1. Reel . Shoth . C the
Turns Cor'n Depth fms
Salg. Cup Cherry & The Sample
Character of Bottom
Thermon. { Make Cor'n Instr
No. Stem.
Bottom Reading
Temp. Surf. Time 3:40 .lir
Density: Surf fms.
Wind: Direction No. Force
Baromet. 7 7 Amt. of State of Sea
Weather
•
Direction and Force Surface of Current. Bottom
Tide
General Locality of Washington coast
Position Destruction In Light be are \$721/2 E (three). Chart used: No. 6400 Chilant 24.5 mily
Chart used: No. 6400 Clistant 24.5 mily
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:

(E) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hydrog No. Date, W. 19.
Sag. Mch. Elect Reel Shot Shot Ibs
Turns Cor'n Depth 100 fms
Sag. Cup Clare State Sample
Character of Bollom
Thermon. $ \begin{cases} Make & \\ No. \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Time 3
Density: Surf
Wind: Direction / Force 3
Baromet. Amt. of State of The
Weather
Direction and Force Surface of Current. Bottom
General Locality Off Washington (oast
Position Destruction Is Light bears \$71/2 E (line)
Position Destruction Is light hears \$71/2 E (hue). Chart used: No. 6400 Bit 11
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
$Time\ towing \qquad \qquad h. \qquad m.$
Remarks:

Deck Officer Mail

11-1023				
SOUNDING WIRE.		DREDGING CABLE.		
M. Down. UP. M.	FMS.	_M. Down. Up.		
	. 0			
349:5: 503			1	
3 49 2 , 3 49 25	200			
	300			
	400			
	500		1	
	600	1		
	700	1	1	
1	800			
	900			
	1000			
	1100			
	1200			
1	1300			
	1400			
	1500]	
	1600			
1	1700			
	1800	i	1	
	1900			
	2000			
, ,	2100			
	2200			
	2300		i	
,	2400	1		
	2500			
1	2600			
	2700		1	
	2800			
	2900			
	3000			
	3100			
	3200			
	3300			
	3400		1	
	3500			
	3600	1		
	3700 3800		1	
. !	3900	1 .	1	
	4000			
	4100		i	
	4200			
	4800			
	4400			
	4500			
	4600			
	4700			
	4800			
	4900		i	

Bredge No. Date, , 19
Sdo. Mch
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. {Make ('or'n}
(No. (Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Air
(Time)
Density: Surf. fms. Wind: Direction. N- W. Force. 3
Baromet, 30:35 Amt. of State of M
Weather
0
Washin and Powe Surface
Direction and Force of Current.
Tlde
General Escality Off Washington coast
,
Position Destruction do Light Boars 570°E (brue listant 260, miles
Chart used: No. 6400 Ed'n 259
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:

Deck Officer

Recorder (

11-1023

4			
Hydrog No.	Date, .		, 19
Sdg. Mch.	Reel	Sh Le	ad lbs.
Turns Cor		Depth	
Sdg. Cup.	Amt. B	mple	
Character of Bottom	24864	utid.	
Thermom. $Make$ $No.$	Con	n $\begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading		Cor'd Tem	p.
Temp. Surf.	Time :	_ } .di	ir
Density: Surf		fms	
Wind: Direction/	V-VV	Force	3
Baromet.	Amt. of Clouds	State	of A.
Weather	100		
Direction and Force Surface Botto			
Tide			
General Locality Off	mash	uglon (oush.
Position De Struction & Chart used: No. 640	b. Light le	cars 569	1/2 E (line)
Chart used: No. 640	o des	lant 29	D mile,
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Rig used			
	Time to	nving	h, m .
Remarks:			

Deck Officer Ali distance Recorder 1/13/12

SOUNDING WIRE.	FMS.	DREDGING CA	BLE.
M. Down. Up. P. M.	FMS.	M. Down, Up.	A
App 1 protection and characteristic characteristic and appropriate to the con-	0		
1	100		
	200		1
	300		
	-100		- 1
	500		
,	600		
	700		1
i	800		1
	900		
	1000		
	1100		
	1200		1
	1300	1	
	1400		Ì
	1500		
	1600		1
:	1700		Ì
	1800	1	i
	1900		
	2000		1
	2100		
	2200		
	2300		1
	2400		
	2500		
	2600 2700		
	2800	1 8 5 1	
1	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800	,	1
	3900	1	
	4000		1
	4100		1
	4200		
	4000		

· @ (33) 5965
Dreatise No. 5 96 D. Date, Ville 22 .191
Salg, Mch. 100000 Reel (COC Shot) Tos
Turns Cor'n Depth 93 fms
Sag. Cup in many (all map) Amt. Bot'm Sample Character of Green Sample freque S
Thermon. $\{Make \}_{No.}^{Make}$ $\{Instr. \}_{Stem.}^{Instr.}$
Bottom Reading Cor'd Temp,
Temp. Surf. Time 4:29 Air
Density: Surf fms.
Wind: Direction N-11/ Force 3
Baromet. 35 Amt. of State of Amt. of State of
Weather
· ·
Direction and Force Surface of Current.
Tide
A CONTRACTOR OF THE CONTRACTOR
General Locatity Off Washington Coast
Position Destruction Is dight herrs 568/2°E (time)
Position Destruction Is dight hears 568/2 E (tric)
Drift: Direction . Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:

11-102					
SOUNDING WIRE.		FMS.	DREDGING CABLE.		
	OWN. UP.	P. M.		M. Down.	Up N
. :_ !			()		- 1
1			100		
			200		
			300		
			400		
			500		
			600		
1			700 .		
	1	;	800		
	'	1	900		
F			1000		
			1100		
			1200	1 .	1 .
			1300		
		1	1400		
			1500		
			1600	1	
			1700		
			1800		,
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		
	1 1		2500		
		1	2600	:	
	1	1	2700		
		1	2800		1
1			2900		
			3000		
	ŀ		3100		
			3200		
			3300 ;		
			3100		
			3500		1
			3600		1
			3700		
			3800		
			3900		
			4000		
			4100		
			4200		
			4300		
			1400		
			4500		
			4600		
			4700		
			4800 4900		
			4131(11)		

(3) (34 590H	
Indie No. Date, , 19	
Sdg. Mch. Shot SO Ubs	
Turns Cor'n Depth 73 fms	,
Sag. Cup Amt. Bot'm Sample	
Character of Olivery	
Make (Instr.	
Thermom. $\begin{cases} Make & Instr. \\ No. & Cor'n \\ Stem. & \end{cases}$	
Bottom Reading Cor'd Temp.	
Temp. Surf. Time #:40 Air	
Density: Surf	
Wind: Direction Force	
Baromet, 30 35 Amt. of State of Sea	
Weather	
Direction and Force Surface of Current.	
Tide	
Conerat Locatity Off Washington Coast	
Position Destruction & Light bears 567/2 Ellow Chart used: No. 6400 distant 28,7 miles	,
Depth of Haul	
Apparatus and Rig used	
Time towing h. m.	
Remarks:	

SOUNDING WIRE.		DREDGING CABLE.		
M. Down. Up M.	FMS.	M. Down. Up.	3	
35 30 4 37	0	1 '		
3 5 05 4 36	100			
	200			
	300			
	-100			
	500			
	600			
	700			
	800			
	900			
	1000			
	1100			
	1200			
	1300			
	1400			
	1500			
	1600			
	1700	4 ()		
	1800			
	1900			
	2000			
	2100			
	2200			
	2300		1	
	2400			
	2500			
	2600		'	
	2700			
	2800			
	2900			
	3000			
	3100 3200			
	3300			
	3400			
	3500			
	3600			
	3700			
	3800			
	3900			
	4000			
	-1100			
	4200			
	4300			
1	4400			
	4500			
	4600			
	1700			
	4800			
	4900			

	/	
Hydrog. No.	Date,	, 19
Sdg. Mch.	Reel / Shot Leads	JO lbs.
Turns	Cor'n Depth	Ofms,
Sag. Cup	Amt. Bot'm Sample	
Character of (i Elizabeth di sido dan	or one way it was seen one shoulder than the said pith AM AM
(Make	(Instr.	
Thermom.	Cor'n Stem.	
Bottom Reading	Cor'd Temp.	
Temp. Surf.	Time To	
(Time	
Density: Surf	, fms	
Wind: Direction	Norre	2/1
Baromet	Amt. of State of Sea	
Weather		
Direction and Force of Current.	Surface	
Tide		
General Locality	Off washington o	east
Position Destru	tion S. Light hears \$66) 6400 Rin 29.3	le E / True
Chart used: No	6400 Edin 27,3	mile,
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig	used	
	. Time towing	h, m .
Remarks:		

(P) 362 5906	
Dredge No. 5 Date	, 1000 2 :- , 10 /3
	shot ths.
Turns Gor'n	Depth 94 fms.
7	Amt. Bot'm Sample
Character of Bollom An M.	fre in
Thermom.	Cor'n Instr.
(No	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf.	dir
Time)
Density: Surf.	fms.
Wind: Direction	Force
Baromel. 27 24 Amt. of Clouds	State of N
Weather	-
Direction and Force Surface	
Direction and Force of Current.	
Tide	
General Locality Off Wa	shington court
, , ,	0
Position Destruction lo. Ly	Wh hears S65/2°E (True)
Chart used: No. 6400	Wh hears S65/2E (True) clistant 30,5 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

Deck Officer 1172 - 11 Recorder 1

11-1023

SOUNDING WIRE.	TEMES	DREDGING CABLE.		
M. Down, Up M.	FMS.	M. Down, Ur.		
1630, 013.	0			
10/12, 5/01/18	92/100	1 1 1 : '		
1.11210101118	200			
	300	198		
	400			
	500			
	600			
	700			
	800	1		
	900			
	1000			
	1100			
	1200			
	1800			
	1400			
	1500			
	1600			
	1700			
	1800			
	1900			
	2000			
	2100			
	2200			
	2300		1	
	2.100		1	
	2500			
	2600			
1.1.1.1	2700			
	2800			
	2900			
	3000			
	3100	1 1 1 1		
	3200			
	3300			
	3400			
	3500			
	3600			
	3700			
	3800			
	3900			
	4000			
	4100		,	
	4200			
1 1 -1 1 1	4800			
	4400			
	4500		1	
	4600			
	4700	1 1 1		
1	4800			
	4900			

Dredge No Date, , 19
Sd.g. Mch
Turns Depth Depth fms.
Sale Cup Amt. Bot'm Sample Character of Clean Lead
Thermon. $ \begin{cases} Make & Cor'n \\ No. & Stem. \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Time 5:187
Density: Surf fms.
Wind: Direction
Baromel. Amt. of State of Monage Sea.
Weather
$Direction \ and \ Force \ \left. \left. \left. \left. \left. \left. \left. \left. \left. \left. \left. \right. \right. \right. \right. \right. \right. \right. \right \right. \right. \right. \right. \right. \left.
Tide
General Locality Off Washington Coast
Position Destruction to light hears \$65°E (true). Chart used: No. 6400 Bit'n mile,
Chart used: No. 6400 Ed'n 31.9 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
. •
Time towingh,m,
Remarks:

SOUNDING WIRE.		DREDGING CABLE.							
M. 1	Down,	UP.		M. '	FMS.	M.	Down,	UP.	71
3 1	405	5	16	37-	. 0	1	-, -		
51		5	14	45	94100				
	//		. /	, 4	200		!		
1					300	1			
					400				
'					500				
					600		1		
	1 1				700		1 1		
					800			1	
					900				
					1000				
	1				1100				
	i				1200				
		1			1800				
	1 1	- 1			1400				
					1500				
			1		1600				
					1700				
					1800				
					1900				
					2000				
					2100				
					2200				
					2300				
				1	2400				
	1	ı		1	2500				
					2600				
		-			2700				
				i	2800				
					2900				,
					3000		1 1	- 1	
					3100		1		
					3200		1	- 1	
		1	-	1	8800				
					8400				
				-	8500				
					3600				
					3700				
			-		3800				
		1			3900				
					4000				
		,			4100				
			-		4200				
					4300		1		
	1 1	1			4400				
Ī					4500				
					4600	1	1		
1	-				4700				
					4800				
					4900				

Dredter 180. 5965 Date, 1-1. 5: ,19 /	
Sag. Meh. Shot	
Turns Cor'n Depth 94 fms	
Sdo. Cup T. Sample	
Character of m m.	
(Make (Instr.	
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Bottom Reading Cor'd Temp.	
Time - 2	
Temp. Surf. Jir	
Density: Surf. fms	
Wind: Direction Force	
Baromet. Amt. of State of Total	
Weather	
Ninetten v. 7 7 Surface	
Direction and Force Surface of Current. Bottom	
Tide	
General Locality Off Washington coash	
Position Destruction Lo Light hears S 64°E (tous)	
Position Destruction to Light hears S 64°E (bour) Chart used: No. 6400 distant 37.2 miles	
Drift: Direction Distance	
Depth of Haul	
Apparatus and Rig used	
Time towing h. m.	
Remarks:	

Deck Officer 2. C. . :

ister in the

: <i>}</i>
Dredge No. Date, 19.
Sale, Meh. Short Reel Short Co the
Turns Cor'n Depth fms
Sample Character of Boltom
Thermon. $ \begin{cases} Makr & Cor^in \\ No. & Stem. \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Time J. 160 Air
Density: Surf. fms.
Wind: Direction W NW Force 4
Baromet, 20 24 Amt. of State of Sea
Weather
Direction and Force Surface
Tide
General Locality Of Washington coaf
Position Destruction Indight hears 5630 E (True)
Position Destruction Sodget hears Sb3°E (Time) Chart used: No. 6400 Edn 330 miles
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used _
Time towing h , m .
Remarks:

Deck Officer And Recorder

11-1023		
SOUNDING WIRE.	FMS.	DREDGING CABLE.
P. M. DOWN. UP. P. M.	יפוע יו	M. Down, Up. M.
1 2/ 001	0	
3 136 159 17102	100	i i
, , , , , , , , , , , , , , , , , , , ,	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1800	
	1400	
	1500	
	1600	
	1700	3
	1800	
	1900	
	2000	
	2100 2200	
	2300	
	2100	
	2500	
	2600	
	2700	
i 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2800	
	2900	
	3000	
	3100	
	3200	
	8800	
	3400	
1 1	3500	
	2600	
	3700	
	3800	
	3900	
1 1	-1000	
The second second	4100	
	4200	
	4300	
	4500	
	4600	
	4700	
	4800	
	4900	1
	11.00	

Hydrog. No. Da	te,		, 19
	Reel	Shot (Lead)	1bs.
Turns Cor'n	Depth	ι .	fms.
Sag. Cup	Amt. Bot'm Sample	,	
Thermom. $\begin{cases} Makr \\ No. \end{cases}$	$Cor'n$ $\begin{cases} Instr \\ Stem. \end{cases}$		~~~~~
Bottom Reading	$Cor^{i}d$	Temp.	
Temp. Surf. Time	5.15.2	Air 6	2
Density: Surf.		fms, f.	
Wind: Direction	Force	: H	
Baromet 32/ Amt. of Clouds	0	State of A	1
Weather			
Direction and Force Surface Surface			
Tide	****		
General Locality Off Ma	C,		
Position Destruction Lo Ligh, Chart used: No. 6400	hears St	3°E (tru	(e)
Chart used: No. 6400	Ed'n	34. D. nuc	ندی
Drift: Direction		ance	
Depth of Haul			
Apparatus and Rig used			
D	Time towing	h.	<i>m</i> .
Remarks:			

SOUNDING WIRE.		DREDGING CABLE.			
M. Down, Up M.	FMS.	M. Down. UP.	nea .		
		II. DOWN. OF.	۸۱۱.		
5 49 12 5 50 56	.0				
. 49 45.3: 49 48	94100				
	200				
	300				
	400				
	500				
	600				
	700 800				
	900 1000				
	1100				
	1200				
	1800				
	1400				
	1500				
	1600				
	1700	ì			
	1800				
	1900				
	2000	1			
	2100				
	2200				
	2300		7		
'	2100				
	2500	,			
	2600				
	2700				
	2800				
	2900				
	3000				
	3100				
	3200				
	3300	•			
	3400				
	3500				
	3600				
	3700				
	3800				
	3900				
	-1000				
	4100				
	4200				
	4800				
	4400				
	4500				
	4600				
	4700				
	4800				
	4900				

* 1		
Bredge . No.	Date,	, 19
Sag. Meh. Collection	Reel Co	Shot 30 1bs
Turns	· Depth	93 fms
Sd.g. Cup.	Amt. Bot'm Sample	
Character of Bottom	ed (twic) you	104L A 14.
(Make	(Instr	2 mg 17-3
Thermom, \ No.	Cor'n Stem.	
Bottom Reading	Cor'd Te	mp
	me 6:05	, , ,
Temp. Surf.	me	dir
Density: Surf.	· - /B	ns.
Wind: Direction W-N-	N Force	4
Baromet, 21.23 Amt	of Sta	te of :
Weather	V3/	
Direction and Force Surface	***************************************	
Bottom		
Tide		
General Locality Off >	rashington	Coast
, ,	63	2/20
Position Destruction do de	ght hears S 69	E (true)
Chart used: No. 6400	Ed'n	4,4 miles
Drift: Direction	Distan	ce
Depth of Haut.		
Apparatus and Rig used		
	Time towing	h, m .
Remarks:		

Deck Officer 1111 March 1111 Recorder 1111 1023

7.7 · ,			
Dreage. No. : Da	te, ,		, 19.
	Rect -	Shot \ Lead \	1bs.
Turns Cor'n	Det		fms.
Sag. Cup I mine [[[]]]. Character of Boltom [[] []]	Amt. Bot'm Sample	c = c	
Thermom. $\left\{ egin{aligned} Make & \dots \\ No. \end{aligned} \right.$	Cor'n { Ins		
Bottom Reading	Cor	'd Temp	
Temp. Surf. Time		} Air	
Density: Surf.		fms.	
Wind: Direction M/ A/ \	Force		
Baromet. 30133 Amt. of Clouds	0	State of Sea	
Weather			
Direction and Force Surface Bottom	W 10 W 20 B 10 W 10 W 10 W 10 W 10 W 10 W 10 W 1		
Tide			
General Locality Off Tra	strington	(ooud)	t
Position De obruction Jo Lich	L lecars &	62ºE(tm	ue)
Position Devention Jo, Light, Chart used: No. 6400	distan Bd'n	135,8 mil	2,
Drift: Direction		istance	
Depth of Haul			
Apparatus and Rig used .			
	Time towing	4.	m.
Remarks:	rome towerng	и.	m.
manufact.			

Deck omcor bla lon

Dredge No.: Date,, 19
Sag. Meh. Wieller Reel fle did Shot Leads 16
Turns Cor'n Depthfm
Sd.C. Cup. Amt. Bot'm Sample Character of (Lnc
Thermon. {\begin{aligned} Make & U & Cor'n \\ No. & Cor'n \\ Stem. & Cor'n \end{aligned}
Bottom Reading Cor'd Temp.
Temp. Surf. $\left\{ \begin{array}{c} Time \\ Time \end{array} \right\}$.lir
Density: Surf. fms.
Wind: Direction WALL Force 4
Baromet Amt. of State of N.
Weather
Direction and Force $Surface$ of Current. $Eottom$
Tide
Management 1 20 miles 1 miles 2 miles
Ceneral Locality Off Washington coast
Position Destruction Is Light hears S61°E (true)
Position Destruction Is Light hears \$61°E (true). Chart used: No. 6400 Clistant 56.7 mile
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:

	7 7				
Dredge No	A Sandara	Date,		. , 1	9
Sdg. Mch.	(Colored	Reel	Shot Lead	}_J	lbs.
Turns	Cor'n		Depth	(fms.
Sdg, Cup		Amt. Bot'r Sampl	10 /		
Character of Bottom	1 13 rde	ri and	To son	el bo	154
Thermom. $\begin{cases} Mai \\ No. \end{cases}$	ce	Cor'n	Instr. Stem		
Bottom Readin	6		Cor'd Temp.		
Temp, Surf.		rime	Air		
Density: Surf.			fms		
Wind: Directi			orce	4	
Baromet. 2	7.2 % An	nt. of A	State o Sea		
Weather					
Direction and of Current	$Force \begin{cases} Surface \\ Bottom \end{cases}$				
Tide		rate communicate y 1855 W/FFFFFFFF SERVICE			
General Locali	/ "	rashin		60%	
Position Des	truction of	S. Light &	hears Stant 3	60°E (true
Drift: Direction		3711176	Distance	.*',	
Depth of Hau					
Apparatus and					
	7				
		Time to	wing	h.	m
Remarks:					

11-1023 SOUNDING WIRE. DREDGING CABLE. FMS. ... M. M. Down. | UP. M. Down, Up. М. // 100 -100

·1:		
Dredge No Date	,	, 19
Sdg. Mch. Re	el Shot (Lead)	11bs.
Turns Cor'n	Depth	fms.
Sdg, Cup	mt. Bot'm Sample -	
Thermon. $\begin{cases} Make \\ No. \end{cases}$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd Temp.	
Temp. Surf. Time	6:58 dir	
Density: Surf.	fms.	
Wind: Direction W. N. W.	Force	
Baromet, 30:33 Amt. of Clouds	() State of Sea	
Weather		
Direction and Force Surface of Ourrent.		
Tide		
	V MINISTRATION Addressed	
General LocalityOff Wa		
Position Destruction do La	Ut hears 560°E1	true)
Position Destruction to Le Chart used: No. 6400	destant 38,5 mil	
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig used		
The state of the s		
	Time towing h.	711,
Remarks;		

	<i>' '</i>
Dredge No. Dat	e, July 23, 10/5
Sdg. Mch	Rech & le Short 30 1bs.
Turns Cor'n	Depth 78 fms.
Sdg. Cup	Amt. Bot'm Sample
Character of Bottom	- 4-j
Thermom. $\begin{cases} Make & \dots \\ No. & \dots \end{cases}$	Cor'n $Stem.$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	1:30B 1.00
Density: Surf	fms
Wind: Direction	Force
Baromet. SQ. 27 Amt. of Clouds	State of Sea
Weather Co	
Direction and Force Surface of Current.	
Tide	
General Locality Off Man	shington Coard
Position Destruction de Lug	When NTT E (the)
Chart used: No. 6400	Rd'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towingh
Remarks :	

Breetse No. 5 14 Date, July 23, 19/5
Sag. Men. Elect Red Elle Short 30 lbs.
Turns Cor'n Depth &2 fms.
Sag. Cupling post son Amt. Bot'm Sample
Character of Su M. Ju gy S mica
(Make (Instr.
Thermon. $\begin{cases} Make & & Cor'n \\ No. & \end{cases} $
Bottom Reading Cor'd Temp.
Temp. Surf. Sime 4180 Air 62°
Temp, Surf. Air
Density: Surffms.
Wind: Direction O. O. Force 4
Baromet. 30.27 Ant. of 4 State of M.
Weather Deg.
Direction and Force Surface Bottom
Tide
V 7 S S S S S S S S S S S S S S S S S S
din it
General Locality of tast miches Canally
A District of the state of the
General Locality off Washington coast
Position Groups Harbor Light hears N 7745 E (thus) Chart used: No. 6400 Edn 27.8 Drift: Direction Distance
Position Groups Harbor Light hears N 7746 E (him) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance
Position Groups Harbor Light hears N 7746 E (him) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance
Position Groups Harbor Light hears N 7748 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7748 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Groups Harbor Light hears N 7742 E (hux) Chart used: No. 6400 Ed'n 27.8 Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.

5918	
Bredge Hydrog No. 5915 Date, July 78 ,19	5
Sdg. Mch. Cleck Reet Cles Shots 30 1hs	3.
Turns Cor'n Depth & 7 fms	1.
Sag. Cup Crimery Corte pro Amt. Bot'm Sample	-
Character of Clark Clay for My S	
Thermon. Make Cor'n {Instr	
Bottom Reading Cor'd Temp.	
(55° Time 504) (62°	
Temp. Surf. Time Air	
Density: Surffms.	,
Wind: Direction O. M. Force 4	
Baromet. 38.26 Amt. of 4 State of Sea	
Weather by	
Direction and Force Surface of Current. Bottom	
Tide	
,	
General Locality Off Mashington Coast	
General Locality Off Mashington Coast	
Position gray Harror Light hears NFTHEF (true)	
Position Gray Harror Light hears North E (true) Chart used: No. 6400 Ed'n 28.8	
Position frays Harror Light bears North (two) Chart used: No. 6400 Edn 2818 Drift: Direction Distance	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Position prays Harror Light hears North (two) Chart used: No. 6400 distant 24 rule Drift: Direction Distance	
Position pays Harror Light bears North (two) Chart used: No. 6400 Ed'n 294 mile Drift: Direction Distance Depth of Haul Apparatus and Rigused	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position prays Harror Light bears North E (two) Chart used: No. 6400 Ed'n 294 mile Drift: Direction Distance Depth of Haul Apparatus and Rig used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	
Position gray Harror Light hears Hoff (Twe) Chart used: No. 6400 Edisland 29 andle Distance Depth of Haul Apparatus and Ris used	

SOUNDING WIRE.			DREDGIN	DREDGING CABLE.		
M. Down.	UP. P.M.	FMS.	M. Down.		manufacture and distribution of	
4 5-4 20	\$ 0025	0	1	01.	49.	
4000	41-024					
10700	10/00	100				
		200				
		300				
		400				
		500				
		600				
		700				
		900				
		1000				
		1200 1800				
		1400 1500				
		1600 1700				
		1800				
		1900				
		2000				
		2100				
95		2200				
		2300				
		2400				
		2500				
		2600				
		2700				
		2800				
		2900				
		3000				
		8100				
		3200				
		3300				
		3400				
		3500				
		8600				
		3700				
		3800				
		3900				
		4000				
		4100				
		4200				
		4300				
		4400				
		4500				
		4600				
		4700				
		4800				
		4900				